



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Bradley J. Aitchison, Jarmo Maula, Hannu
Leskinen, Teemu Lang, Pekka Kuosmanen, Kari
Härkönen and Martti Sonninen**

Application No. 10/660,365

Filed: September 10, 2003

For: **PRECURSOR MATERIAL DELIVERY
SYSTEM FOR ATOMIC LAYER
DEPOSITION**

Group Art Unit: 1723

Examiner:

Date: February 17, 2004

I HEREBY CERTIFY THAT THIS CORRESPONDENCE
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Lisa Munson Typed Name

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- ☒ Information Disclosure Statement (IDS)
- ☒ Form PTO-1449 (with copies of 3 cited references)
- ☒ Return-receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.

Respectfully submitted,

Planar Systems, Inc.

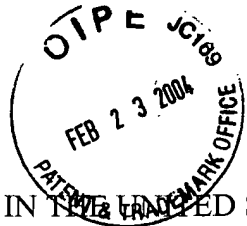
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Bradley J. Aitchison, Jarmo Maula, Hannu
Leskinen, Teemu Lang, Pekka Kuosmanen,
Kari Härkönen and Martti Sonninen**

Confirmation No. 5483

Application No. 10/660,365

Filed: September 10, 2003

For: **PRECURSOR MATERIAL
DELIVERY SYSTEM FOR ATOMIC
LAYER DEPOSITION**

Group Art Unit: 1723

Examiner:

Date: February 17, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

1. Pursuant to the duty of disclosure, documents listed on the accompanying Form PTO-1449 (or equivalent) are presented for the Examiner's consideration.

☐ Copies of listed documents are enclosed. (37 CFR § 1.98(a))

☒ Copies of listed U.S. patent documents are omitted because this application was filed after June 30, 2003 and is, thus, subject to image file wrapper processing. Copies of listed foreign patent documents and non-patent literature are enclosed.

☐ Copies of the documents listed on sheet(s) _____ of Form PTO-1449 (or equivalent) are omitted because (1) they are already of record in U.S. Patent Application No. _____, filed _____, on which this application relies for an earlier filing date under 35 U.S.C. § 120; and (2) any information disclosure statement filed in the prosecution of Application No. _____, complies with 37 CFR §§ 1.98(a) through (c). (37 C.F.R. § 1.98(d))
2. ☐ The Examiner's attention is directed to the enclosed copy of copending U.S. Patent Application No. _____, filed _____, for _____, which is cited in this application.
3. This information disclosure statement is being submitted (check box a., b., or c.):
 - a. ☒ Within three months of the filing date of a national application or entry of the national stage in an international application; or before the mailing of a first Office action on the merits; or before the mailing of a first Office

action after the filing of a request for continued examination under 37 CFR 1.114. (No statement under 37 CFR 1.97(e) is required.); or

- b. ☐ After the period set forth in paragraph 3a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)
- i. ☐ A \$180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is enclosed, or
- ii. ☐ A statement specified by 37 CFR 1.97(e) is set forth below; or
- c. ☐ After the mailing date of a final action or notice of allowance and on or before payment of the issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. Enclosed is a \$180.00 information disclosure statement processing fee set forth in 37 CFR 1.17(p).

4. If a statement specified by 37 CFR 1.97(e) is required, the attorney or agent signing below hereby states that:

- ☒ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

5. ☐ A concise explanation of the relevance of each document not in the English language and/or selected documents in the English language is set forth below.

Respectfully submitted,

Planar Systems, Inc.

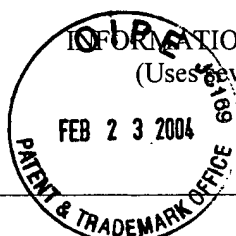
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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
11429/12:1APPLICATION NO.
10/660,365INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)APPLICANT
Brad Aitchison et al.FILING DATE
September 10, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2001/054377 A1	12/2001	Lindfors et al..	117	104	
	AC	6 2 1 0 4 8 5	04/2001	Zhao et al.	118	724	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 01/45158	06/2001	WIPO	H01L	21/44		
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Invitation to Pay Additional Fees in corresponding International application No. PCT/US03/28436, February 2, 2004, 5 pages.
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.